

# DNAJB1 polyclonal antibody

Catalog # PAB15411      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of heat shocked HeLa with DNAJB1 polyclonal antibody (Cat # PAB15411).

## Specification

|                            |                                                                                                                                 |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Rabbit polyclonal antibody raised against recombinant DNAJB1.                                                                   |
| <b>Immunogen</b>           | Recombinant protein corresponding to human DNAJB1.                                                                              |
| <b>Host</b>                | Rabbit                                                                                                                          |
| <b>Reactivity</b>          | Human                                                                                                                           |
| <b>Specificity</b>         | Detects an ~40KDa protein corresponding to the molecular mass of Hsp40 on SDS PAGE immunoblots. Also detects recombinant Hsp40. |
| <b>Form</b>                | Liquid                                                                                                                          |
| <b>Recommend Usage</b>     | Western Blot (1:1500-1:2000)<br>The optimal working dilution should be determined by the end user.                              |
| <b>Storage Buffer</b>      | In antiserum                                                                                                                    |

**Storage Instruction**

Store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of heat shocked HeLa with DNAJB1 polyclonal antibody (Cat # PAB15411).

- Immunoprecipitation

## Gene Info — DNAJB1

**Entrez GeneID** [3337](#)

**Gene Name** DNAJB1

**Gene Alias** HSPF1, Hdj1, Hsp40, Sis1

**Gene Description** DnaJ (Hsp40) homolog, subfamily B, member 1

**Omim ID** [604572](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** subfamily B

**Other Designations** DnaJ (Hsp40) homolog, subfamily B, member 1|heat shock 40kD protein 1

## Publication Reference

- [The molecular chaperone hsp40 regulates the activity of P58IPK, the cellular inhibitor of PKR.](#)

Melville MW, Hansen WJ, Freeman BC, Welch WJ, Katze MG.

PNAS 1997 Jan; 94(1):97.

Application: WB, Recombinant protein

- [A novel 40-kDa protein induced by heat shock and other stresses in mammalian and avian cells.](#)

Ohtsuka K, Masuda A, Nakai A, Nagata K.

Biochemical and Biophysical Research Communications 1990 Jan; 166(2):642.

Application: WB-Re, Recombinant protein

- [Nucleotide sequence of the Escherichia coli dnaJ gene and purification of the gene product.](#)

Ohki M, Tamura F, Nishimura S, Uchida H.

The Journal of Biological Chemistry 1986 Feb; 261(4):1778.

## Disease

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